

List of Accepted Papers in IEEE INFOCOM 2018 Main Conference

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- 1 **FML: Fast Machine Learning for 5G mmWave Vehicular Communications**
Gek Hong Sim (TU-Darmstadt, Germany); Sabrina Müller (Technische Universität Darmstadt, Germany); Arash Asadi and Anja Klein (TU Darmstadt, Germany); Matthias Hollick (Technische Universität Darmstadt & Secure Mobile Networking Lab, Germany)
- 2 **InstantCryptoGram: Secure Image Retrieval Service**
Minghui Li, Mingxue Zhang and Qian Wang (Wuhan University, P.R. China); Sherman S. M. Chow (The Chinese University of Hong Kong, Hong Kong); Minxin Du (Wuhan University, P.R. China); Yanjiao Chen (State Key Lab of Software Engineering, Wuhan University, P.R. China); Chenliang Li (State Key Lab of Software Engineering, Computer School, Wuhan University, P.R. China)
- 3 **An Analysis and Empirical Study of Container Networks**
Kun Suo and Yong Zhao (The University of Texas at Arlington, USA); Wei Chen (University of Colorado, Colorado Springs, USA); Jia Rao (The University of Texas at Arlington, USA)
- 4 **Highly Compact Virtual Active Counters for Per-flow Traffic Measurement**
You Zhou (University of Florida, USA); Yian Zhou (Google Inc., USA); Shigang Chen and Youlin Zhang (University of Florida, USA)
- 5 **Towards Personalized Task Matching in Mobile Crowdsensing via Fine-Grained User Profiling**
Shuo Yang, Kunyan Han and Zhenzhe Zheng (Shanghai Jiao Tong University, P.R. China); Shaojie Tang (University of Texas at Dallas, USA); Fan Wu (Shanghai Jiao Tong University, P.R. China)
- 6 **Joint VNF Placement and CPU Allocation in 5G**
Satyam Agarwal (IIT Guwahati, India); Francesco Malandrino and Carla-Fabiana Chiasserini (Politecnico di Torino, Italy); Swades De (Indian Institute of Technology Delhi, India)
- 7 **Multi-Touch in the Air: Device-Free Finger Tracking and Gesture Recognition via COTS RFID**
Chuyu Wang (Nanjing University, P.R. China); Jian Liu (WINLAB, Rutgers University, USA); Yingying Chen (Rutgers University, USA); Hongbo Liu (Indiana University-Purdue University Indianapolis, USA); Lei Xie, Wei Wang, Bingbing He and Sanglu Lu (Nanjing University, P.R. China)
- 8 **Trio: Utilizing Tag Interference for Refined Localization of Passive RFID**
Han Ding and Jinsong Han (Xi'an Jiaotong University, P.R. China); Chen Qian (University of California at Santa Cruz, USA); Fu Xiao (Nanjing University of Posts and Telecommunications, P.R. China); Ge Wang (Xi'an Jiaotong University, P.R. China); Nan Yang and Wei Xi (Xi'an Jiaotong University, P.R. China); Jian Xiao (Chang'an University, P.R. China)
- 9 **Following the Shadow: Agile 3-D Beam-Steering for 60 GHz Wireless Networks**
Anfu Zhou, Leilei Wu, Shaoqing Xu and Huadong Ma (Beijing University of Posts and Telecommunications, P.R. China); Teng Wei (University of Wisconsin - Madison, USA); Xinyu Zhang (University of Wisconsin-Madison, USA)

- 10 **RF-Dial: an RFID-based 2D Human-Computer Interaction via Tag Array**
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- 11 **Scheduling Coflows of Multi-stage Jobs to Minimize the Total Weighted Job Completion Time**
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- 12 **Towards Repeatable Wireless Network Simulation Using Performance Aware Markov Model**
Zhiwei Zhao (University of Electronic Science and Technology of China, P.R. China); Wei Dong (Zhejiang University, P.R. China); Geyong Min (University of Exeter, United Kingdom (Great Britain)); Gonglong Chen (Zhejiang University, P.R. China); Tao Gu (RMIT University, Australia); Jiajun Bu (Zhejiang University, P.R. China)
- 13 **Social Network De-anonymization with Overlapping Communities: Analysis, Algorithm and Experiments**
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- 14 **Who to Connect to? Joint Recommendations in Cross-layer Social Networks**
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- (University of Cambridge, United Kingdom (Great Britain)); Gareth Tyson (Queen Mary, University of London, United Kingdom (Great Britain))
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